

Title (en)
Human serum albumin binding compounds and fusion proteins thereof

Title (de)
Humane Serumalbumin bindende Verbindungen und Fusionsproteine daraus

Title (fr)
Composés de liaison d'albumine de sérum humain et leurs protéines de fusion

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Application
EP 13150171 A 20130103

Priority
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Abstract (en)
The present invention relates to a polypeptide binding to human serum albumin and comprising or consisting of an amino acid sequence selected from the group consisting of: (a) GVTLFVALYDY(X 1)(X 2)(X 3)(X 4)(X 5)(X 6)D(X 7)SFHKGEKFQIL(X 8)(X 9)(X 10)(X 11)(X 12)G(X 13)(X 14)W(X 15)(X 16)RSLTTG(X 17)(X 18)G(X 19)IPSNYVAPVDSIQ (SEQ ID NO: 1), wherein (X 1) is A, V, I, L, M, G, P, S, T, N, Q, C, R, H, K, D or E; (X 2) is R, H, K, A, V, I, L, M, G, P, S, T, N, Q or C; (X 3) is R, H, K, S, T, N, Q, C, F, Y, W, A, V, I, L, M, G or P; (X 4) is S, T, N, Q, C, A, V, I, L, M, G, P, R, H, K, F, Y, W, D or E; (X 5) is S, T, N, Q, C, D, E, F, Y, W, A, V, I, L, M, G, P, R, H or K; (X 6) is F, Y, W, A, V, I, L, M, G, P, R, H, K, S, T, N, Q or C; (X 7) is A, V, I, L, M, G, P, R, H or K; (X 8) is S, T, N, Q, C, D or E; (X 9) is S, T, N, Q, C, D, E, A, V, I, L, M, G, P, F, Y or W; (X 10) is A, V, I, L, M, G or P; (X 11) is F, Y, W, R, H or K; (X 12) is S, T, N, Q, C, F, Y or W; (X 13) is F, Y, W, R, H, K, S, T, N, Q, C, D, E, A, V, I, L, M, G or P; (X 14) is F, Y, W, A, V, I, L, M, G or P; (X 15) is D, E, A, V, I, L, M, G or P; (X 16) is A, V, I, L, M, G or P; (X 17) is D, E, A, V, I, L, M, G, P, R, H or K; (X 18) is S, T, N, Q, C, A, V, I, L, M, G or P; (X 19) is F, Y, W, S, T, N, Q or C; and (b) an amino acid sequence which is at least 90% identical to the amino acid sequence of (a), wherein the identity determination excludes amino acid positions (X 1) to (X 19).

IPC 8 full level
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